

REMARKS

Claims 1-19 are pending in the application with claims 6, 7, 9-11 and 15 having been withdrawn from consideration.

Claim 1 has been amended in order to more particularly point out, and distinctly claim the subject matter to which the Applicants regard as their invention. It is believed that this Amendment is fully responsive to the Office Action dated **January 2, 2003**.

Objection to the Title

The Examiner has requested that the title be more descriptive.

The title has been amended to be more descriptive, thus rendering this objection moot.

Claim Rejections under 35 USC §102

Claim 1 is rejected under 35 USC §102(b) as being anticipated by Vin et al. (U.S. Patent No. 4,717,888).

Independent claim 1 has thus been amended to recite that “wherein said one or plurality of thin film resistors have a thickness smaller than three times its skin depth at a predetermined frequency in the range of 1 MHz to 10 GHz”.

Vinn et al., Campbell et al. and Holt et al. fail to teach or suggest such a limitation. The limitation is supported on page 21, lines 6 to 24 of the specification and Fig. 2.

Allowance of the newly amended claim 1 is respectfully requested.

Claim Rejections under 35 USC §103

Claims 1-5, 8 and 14 are rejected under 35 USC §103(a) as being unpatentable over Holt (pg. 384 of *Electronic Circuits*) in view of Vinn et al. (U.S. Patent No. 4,717,888).

Independent claim 1 has thus been amended to recite that “wherein said one or plurality of thin film resistors have a thickness smaller than three times its skin depth at a predetermined frequency in the range of 1 MHz to 10 GHz”.

Vinn et al., Campbell et al. and Holt et al. fail to teach or suggest such a limitation. The limitation is supported on page 21, lines 6 to 24 of the specification and Fig. 2.

Allowance of the newly amended claim 1 is respectfully requested.

Claims 12, 13 and 16-19 are rejected under 35 USC §103(a) as being unpatentable over Holt (pg. 384 of *Electric Circuits*) in view of Vinn (U.S. Patent 4,717,888) as applied to claims 1-5, 8 and 14 above, and further in view of Campbell et al. (U.S. Patent No. 5,546,033).

Independent claim 1, as amended, patentably distinguished over the asserted prior art. All claims dependent thereon, by virtue of inherency, also patentably distinguished over the asserted prior art.

Reconsideration and withdrawal of this rejection are respectfully requested.

Prior Art Indicated To Be Pertinent To The Disclosure

The Office has provided a list of prior art indicated to be pertinent to the Applicant's invention. Consistent with the understanding as stipulated in MPEP 706.02 that only the best prior

art should be applied, this list of prior art not having been applied by the Office, it is the Applicant's understanding that the Office must have considered the listed prior art to be no more pertinent than the applied prior art of record.

Conclusion

In view of the aforementioned amendments and accompanying remarks, claim 1, as amended, are in condition for allowance, which action, at an early date, is requested.

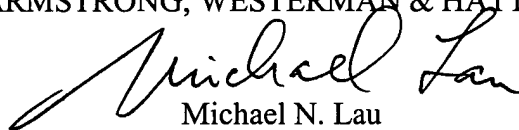
If, for any reason, it is felt that this application is not now in condition for allowance, the Examiner is requested to contact Applicants undersigned attorney at the telephone number indicated below to arrange for an interview to expedite the disposition of this case.

Attached hereto is a marked-up version of the changes made to claim 1 by the current amendment. The attached page is captioned "**Version with markings to show changes made.**"

In the event that this paper is not timely filed, Applicants respectfully petition for an appropriate extension of time. Please charge any fees for such an extension of time and any other fees which may be due with respect to this paper, to Deposit Account No. 01-2340.

Respectfully submitted,

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PATENT TRADEMARK OFFICE

Enclosures: Version with markings to show changes made

VERSION WITH MARKINGS TO SHOW CHANGES MADE 09/813,303

IN THE TITLE:

Please amend the title of the invention, in its entirety, so as to read as follows:

HIGH FREQUENCY CIRCUIT WITH THIN FILM RESISTOR

IN THE CLAIMS:

Please amend claim 1 as follows:

1. (Amended) A high frequency circuit comprising:

a transistor having a first terminal receiving an input signal and having a second terminal
and a third terminal;

a first circuit connected to said second terminal of said transistor; and

a second circuit connected to said third terminal of said transistor,

at least one of said first and second circuits comprising one of a plurality of thin film
resistors,

wherein said one or plurality of thin film resistors have a thickness smaller than three
times its skin depth at a predetermined frequency in the range of 1 MHz to 10 GHz.